FIG. 1A

FIG. 1A FIG. 1B

Aptamer Selection

Do & H



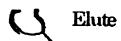
e.g., Cellular Receptor

Recycle W/ Mutations







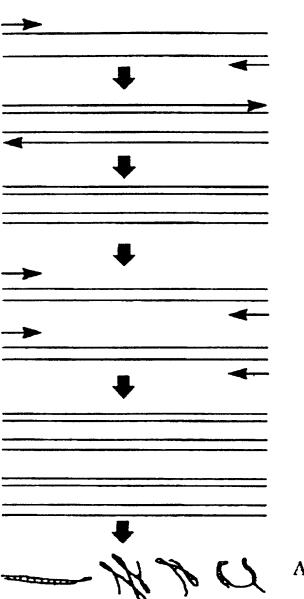




Selected Aptamer



FIG. 1B
Aptamer Generation



Aptamers

Stoppy amplification w/ coupling nucleotides Select for binding morphotide (bind and wash) Create morphotide by binding Release chemical group Morphotide based combinatorial Chemistry: (shown only in 2 dimensions)
Template (Continued on next p FIG. 2B FIG. 2A FIG. 2A

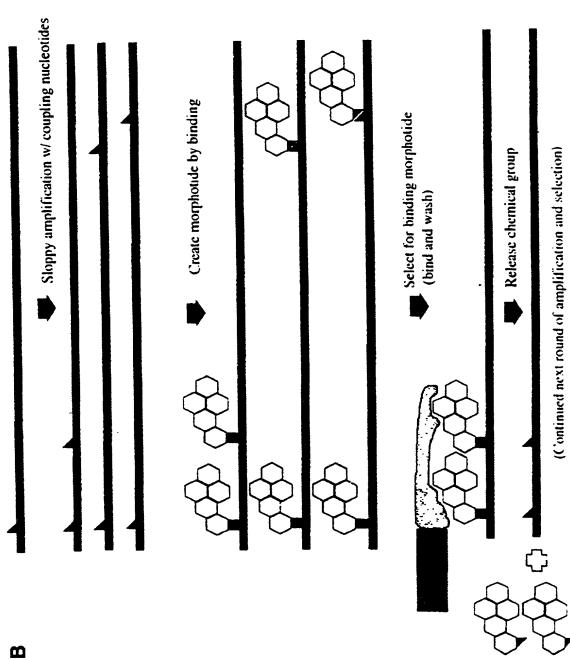
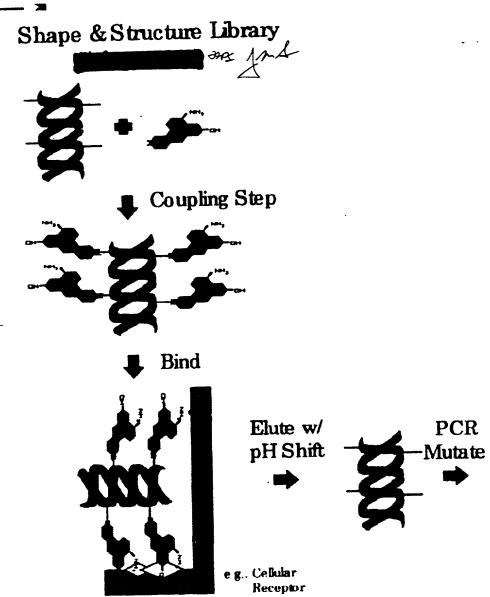


FIG. 2B

FIG. 3A

FIG. 3A FIG. 3B

Reversible Coupler



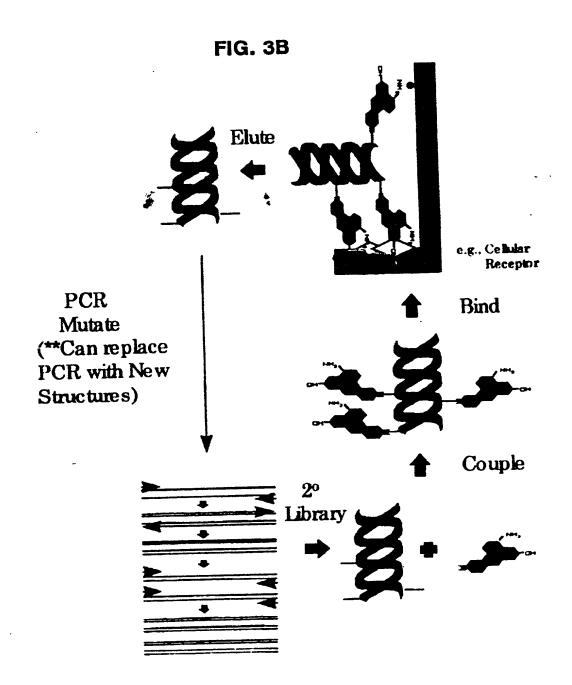
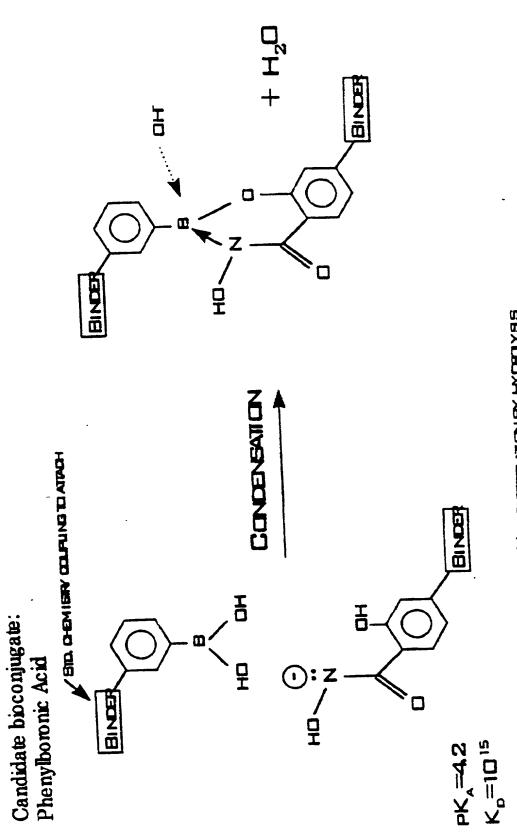


FIG. 4



REVERBBLE COMPLEX 1.5 LINTS OF PH = CLEATER HYDROLY BS